

WHAT IS CLAIMED IS:

1. An extrusion molding apparatus for a ceramic
molded product, comprising a mold for molding a ceramic
molded product, a screw extruder for supplying a ceramic
material to the mold, and a filter unit for filtering the
ceramic material at the extrusion outlet of said screw
extruder,

wherein said screw extruder has built
therein a screw for kneading while moving the ceramic
material forward, and has on the front part thereof a
spatula portion adapted to move over the inlet surface of
the filter unit with a predetermined interval between the
spatula portion and the inlet surface.

2. An extrusion molding apparatus for a ceramic
molded product according to claim 1, wherein the interval
between the spatula portion and the inlet surface is in
the range of not more than 30 mm.

3. An extrusion molding apparatus for a ceramic
molded product according to claim 1, wherein the interval
between said spatula portion and said inlet surface is in
the range of 0.1 to 30 mm.

4. An extrusion molding apparatus for a ceramic
molded product according to any one of claims 1 to 3,
wherein said spatula portion is so configured as to move
while rotating over the inlet surface of the filter unit.

5. An extrusion molding apparatus for a ceramic
molded product according to claim 4, wherein said spatula
portion is extended from the forward end of the screw and
configured to rotate while moving with the screw.

6. An extrusion molding apparatus for a ceramic
molded product according to claim 5, wherein said screw
includes a lead portion arranged spirally around an axial
member, the lead portion having the forward end thereof
forming the spatula portion.

7. An extrusion molding apparatus for a ceramic
molded product according to claim 5, wherein said spatula
portion is configured of a plurality of blades arranged

8. An extrusion molding apparatus for a ceramic molded product according to any one of claims 1 to 7, wherein said spatula portion preferably has a tapered surface inclined in such a manner as to move away from the inlet surface progressively with respect to the direction of movement.

[illegible]